

What is claimed is:

1. An image measuring system for obtaining measurement data on an object by processing images thereof, the image measuring system comprising:

an image obtaining device for obtaining a first image of an object to be measured and a second image of a standard object; and

a measurement computer linked to the image obtaining device via a communication network, for processing the first image and the second image to obtain measurement data on the object, the measurement computer comprising:

an image obtaining module for obtaining the first image and the second image;

an image processing module for processing the first image and the second image, and for obtaining basic data needed in measuring the object; and

an image measuring module for computing an actual size of the object based on the basic data.

2. The image measuring system as claimed in claim 1, wherein the image obtaining device is a digital camera.

3. The image measuring system as claimed in claim 1, wherein the first image and the second image are obtained under the same conditions.

4. The image measuring system as claimed in claim 1, wherein the image processing module comprises:

a format conversion sub-module for converting formats of obtained images into formats which can be identified by a corresponding measurement computer;

a proportion conversion sub-module for computing a conversion proportion based on an actual size and an image size of the standard object; and

a border processing sub-module for ascertaining borders of different parts of the measured object according to different lattice densities in the first image.

5. The image measuring system as claimed in claim 1, wherein the image processing module further comprises an image adjusting sub-module for adjusting the first image according to different camera lens focuses of the image obtaining device.

6. An image measurement method for obtaining measurement data on an object by processing images thereof, the method comprising the steps of:

- (a) obtaining a first image of an object to be measured and an second image of an standard object;
- (b) converting formats of the first image and the second image into formats which can be identified by a measurement computer, and computing a conversion proportion based on an actual size and an image size of the standard object; and
- (c) measuring sizes of different parts of the object in the first image, and computing actual sizes of the parts according to the conversion proportion.

7. The image measuring method as claimed in claim 6, wherein the images are obtained by a digital camera.

8. The image measuring method as claimed in claim 6, wherein step (b) further comprises the step of ascertaining borders of different parts of the object according to different lattice densities in the first image.

9. The image measuring method as claimed in claim 6, wherein step (b) further comprises the step of adjusting the first image according to a camera lens focus of the image obtaining device.

10. An image measuring process, comprising steps of;

- (a) obtaining a first image of a measured object and a second image of a standard object;
- (b) retrieving the image if quality of the images unsatisfied, or processing images if the quality of the images satisfied;

- (c) measuring the first image;
- (d) obtaining measurement data;
- (e) repeating step (c) if the measurement data is incorrect in comparison with those from the standard object, or
- (f) applying the measurement data for analysis.